

10/529668
JC17 Rec'd PCT/PTO 29 MAR 2005

Amendments to the Claims

1. (ORIGINAL) A collimator for use in an optical device characterized in that it comprises a multi-layered sheet of alternating light transmitting and light impervious layers.

2. (ORIGINAL) A collimator according to claim 1, wherein said sheet comprises at least two light transmitting layers and at least three light impervious layers.

3. (CURRENTLY AMENDED) A collimator according to ~~claim 1 or claim 2~~claim 1, wherein the light transmitting layers are made of at least one transparent amorphous polymeric material.

4. (CURRENTLY AMENDED) A collimator according to ~~any one of claims 1-3~~claim 1, wherein the light impervious layers are made of at least one light absorbing and/or light scattering polymeric material.

5. (CURRENTLY AMENDED) A collimator according to ~~any one of claims 1-3~~claim 1, wherein the light impervious layers are made of a polymer matrix comprising at least one type of light absorbing and/or light scattering particle or compound.

6. (CURRENTLY AMENDED) A collimator according to ~~any one of claims 1-5~~claim 1, wherein each light impervious layer comprises a first section of light scattering material and a second section of light absorbing material.

7. (CURRENTLY AMENDED) A collimator according to ~~any one of claims 1-6~~claim 1, which comprises projecting parts of the light transmitting layers on the side of the collimator intended to face a light source, each layer part having a lens-shaped end.

8. (CURRENTLY AMENDED) A method for producing a collimator according to ~~any one of claims 1-7~~claim 1, characterized in comprising co-extruding a melt of at least one light transmitting polymeric material and at least one light impervious polymeric material into a multi-layered sheet.
9. (CURRENTLY AMENDED) A method for producing a collimator according to ~~any one of claims 1-7~~claim 1, characterized in comprising injection molding a melt of at least one light transmitting polymeric material into layers separated by vacant spaces and connected by a common base part, and filling a melt of at least one light impervious polymeric material into the vacant spaces thus providing a multi-layered sheet.
10. (CURRENTLY AMENDED) A display device comprising a collimator according to ~~any one of claims 1-7~~claim 1.
11. (CURRENTLY AMENDED) An illumination device comprising a collimator according to ~~any one of claims 1-7~~claim 1.
12. (CURRENTLY AMENDED) An optical touch sensitive device comprising a collimator according to ~~any one of claims 1-7~~claim 1.